



Application No. 09/911,840  
Amendment Dated August 14, 2007  
Reply to Office Action of June 27, 2007  
Replacement Sheet

Fig. 1

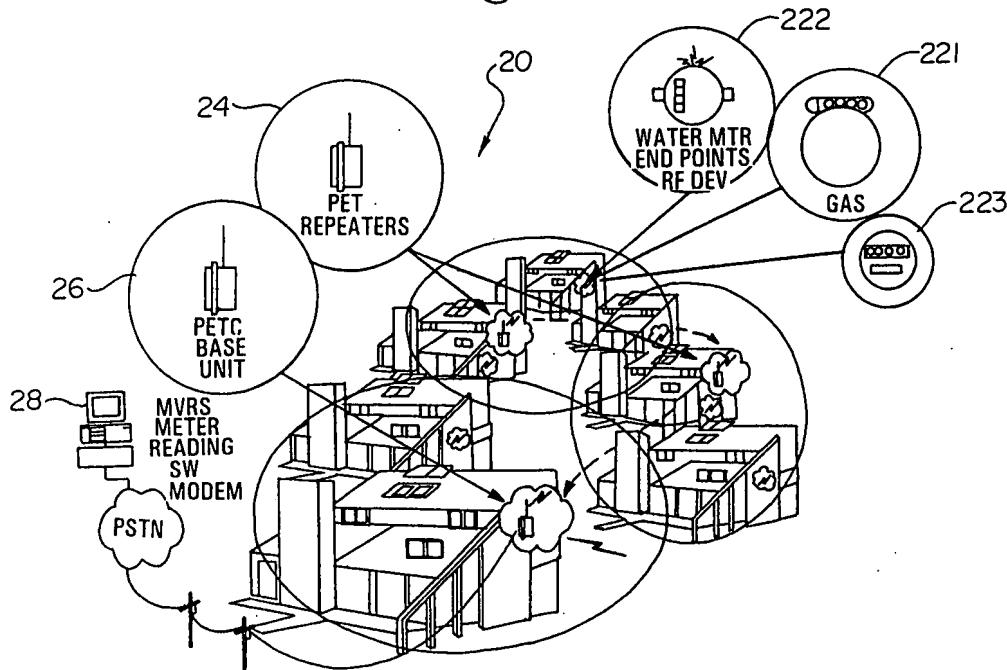
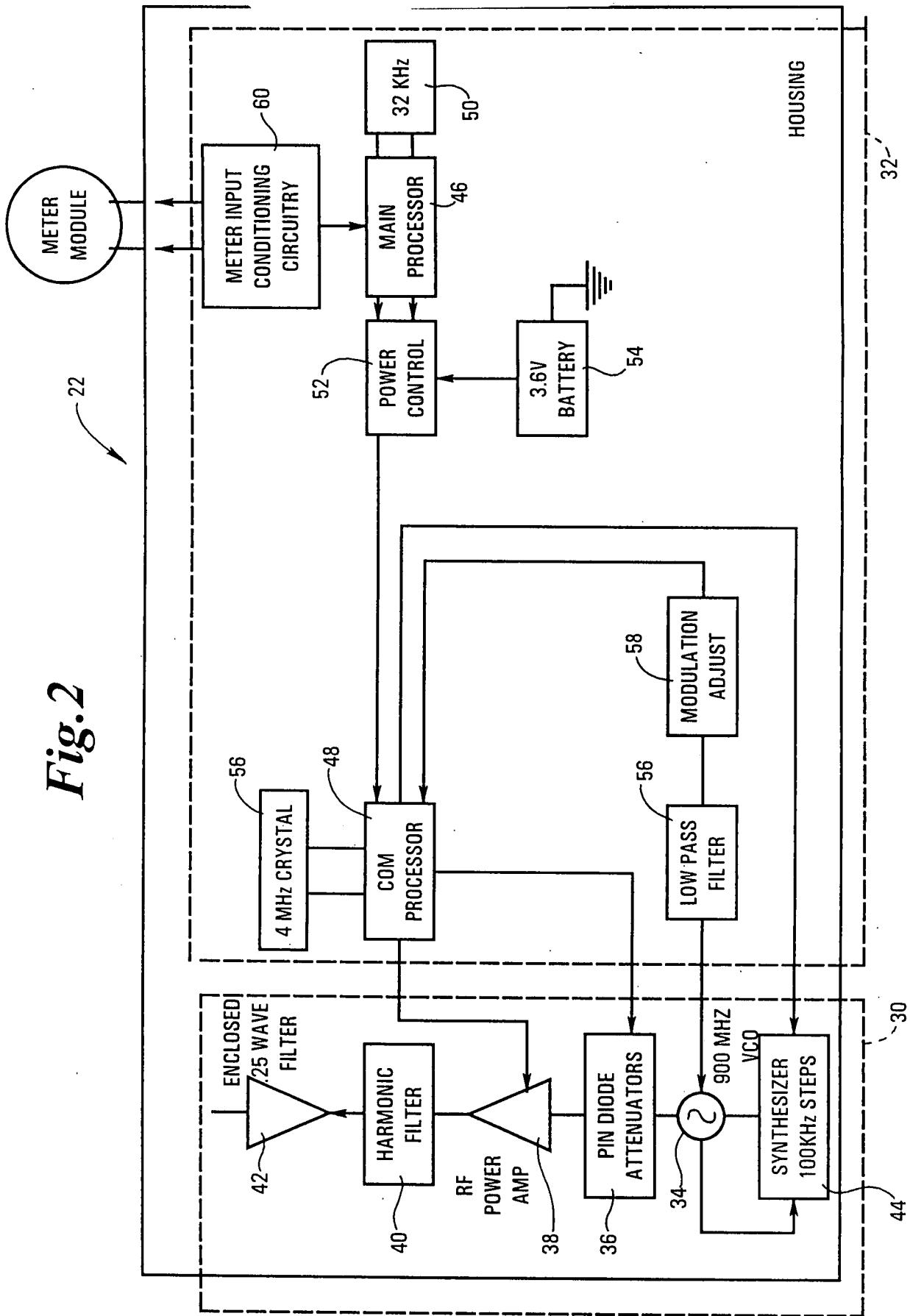
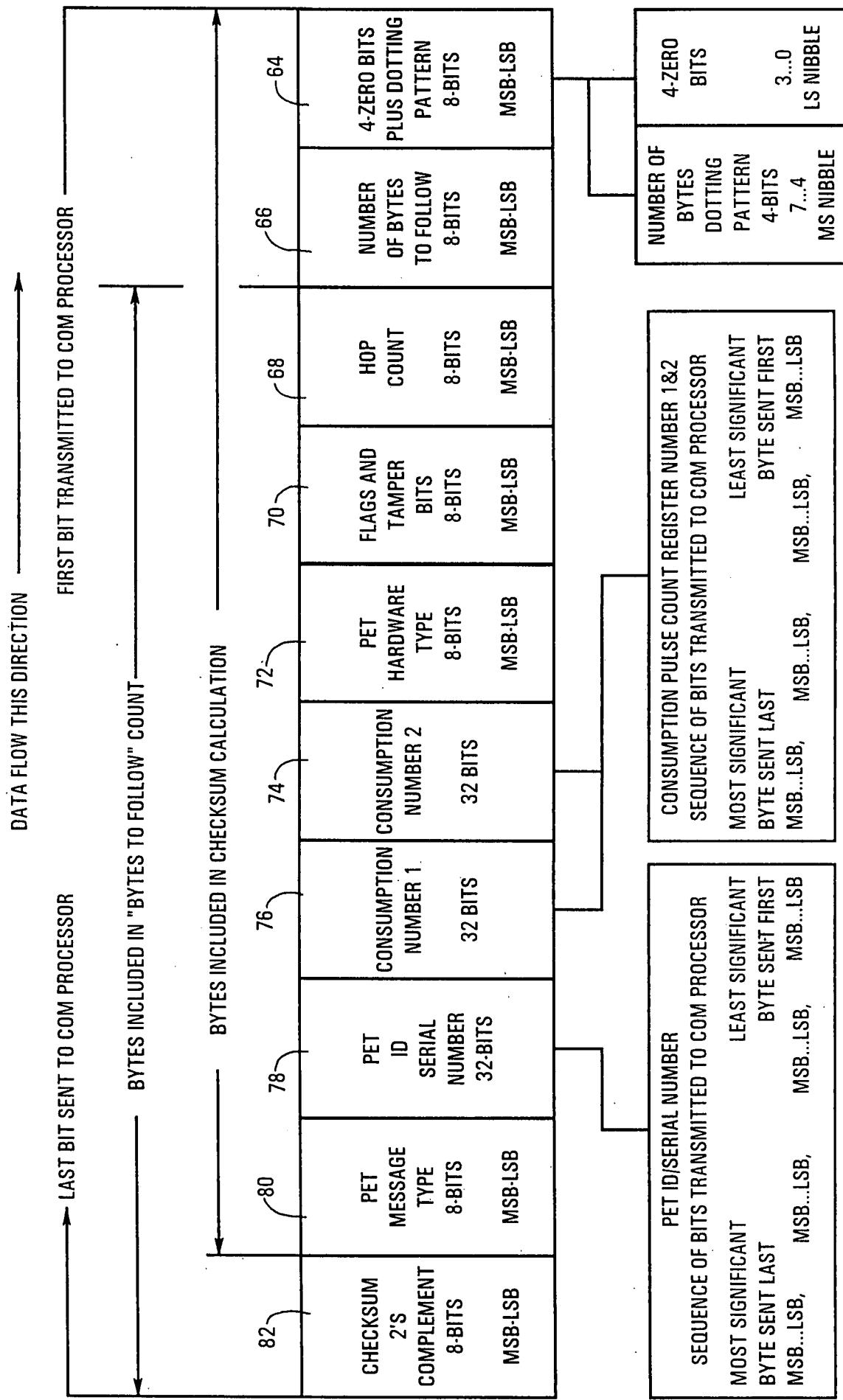


Fig. 2



**Fig.3**



**Fig. 4**

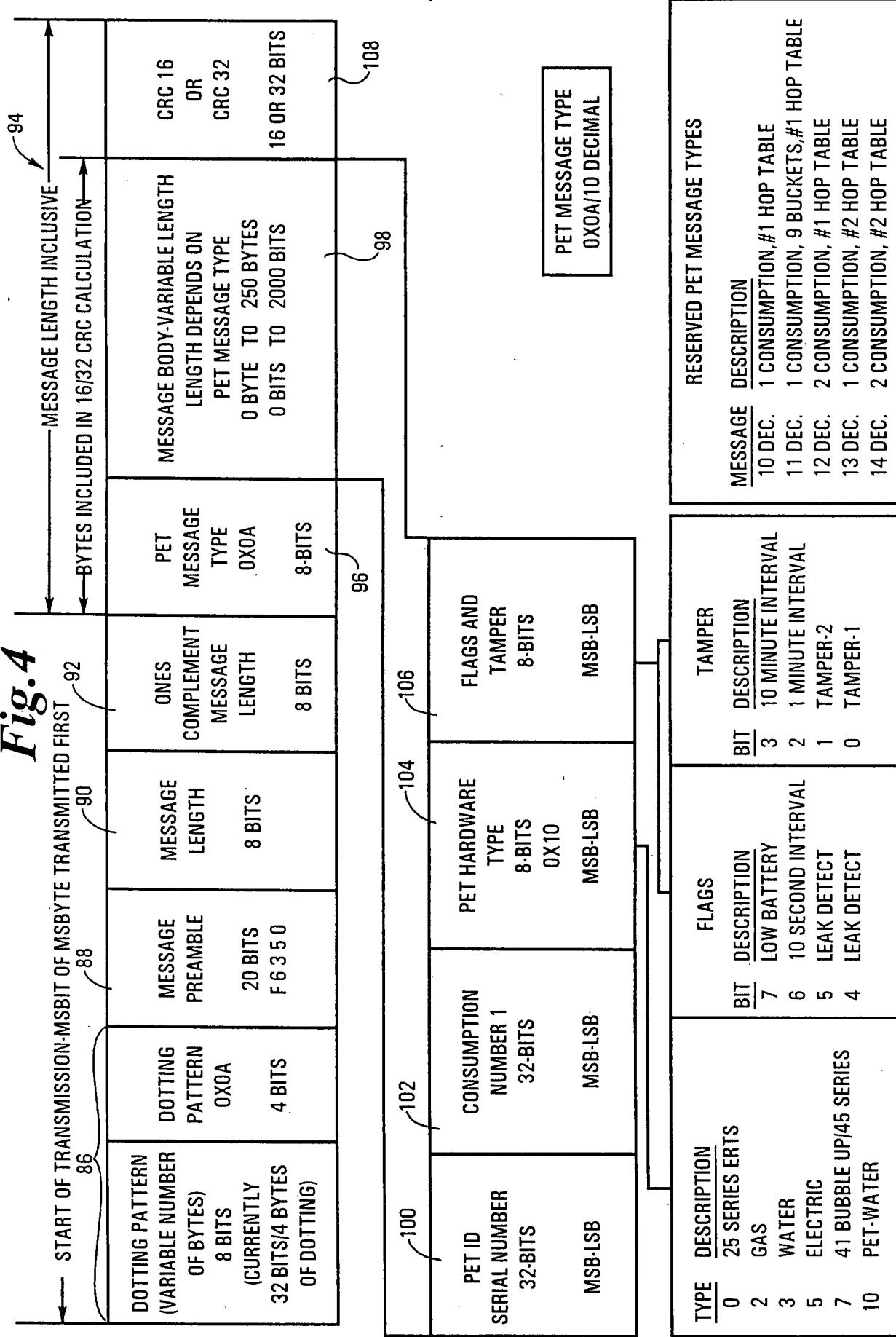


Fig. 5

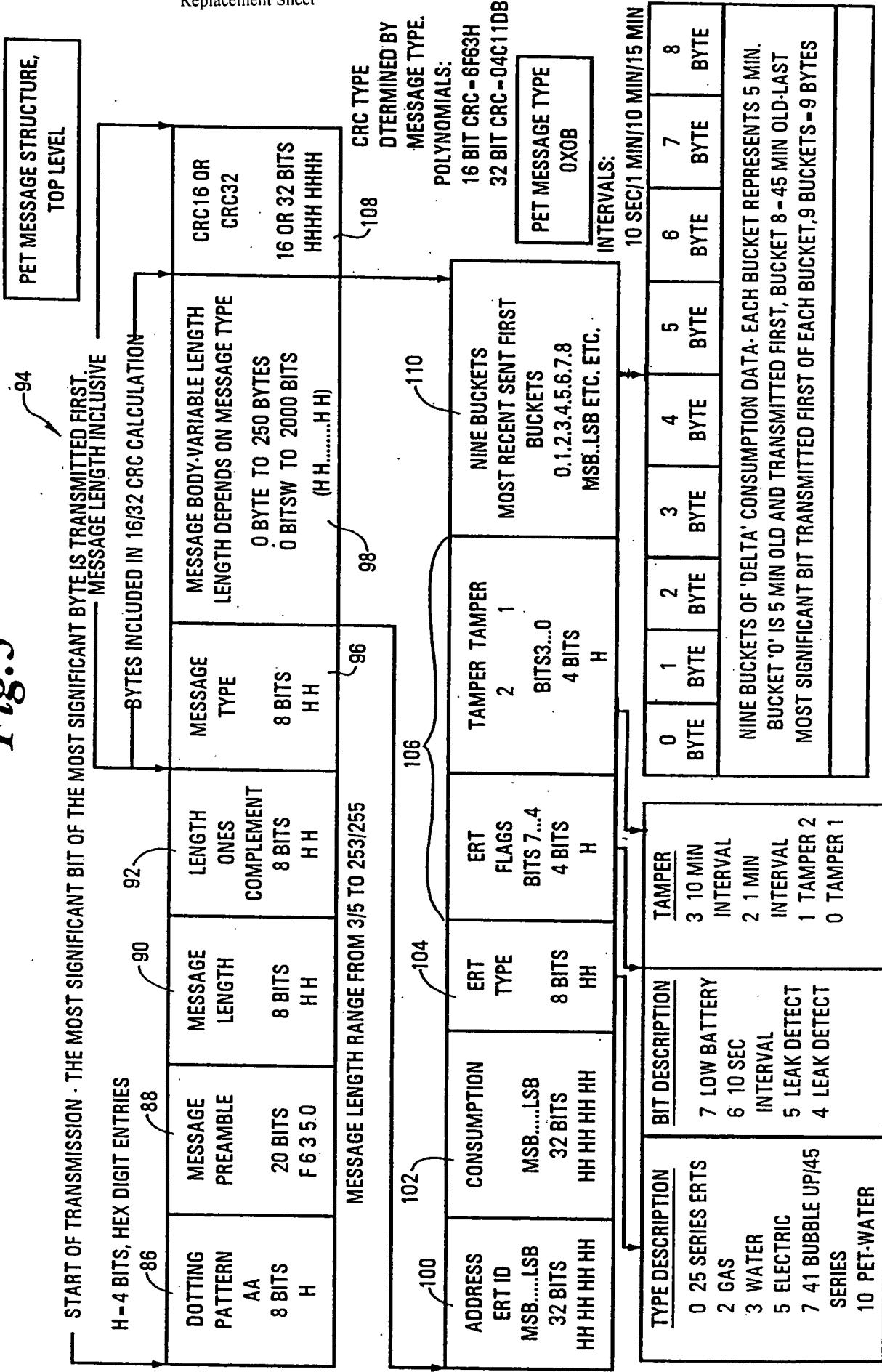
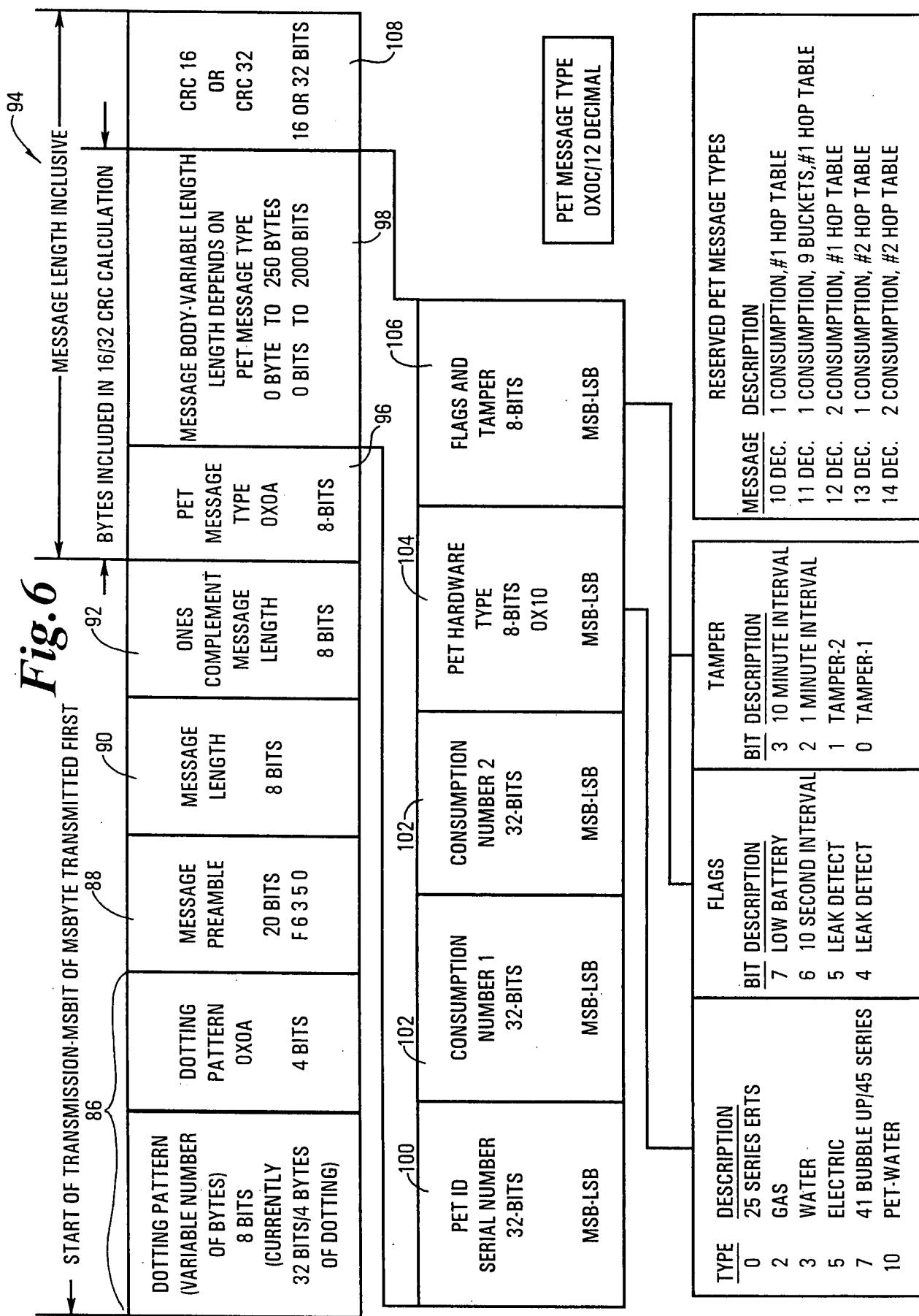
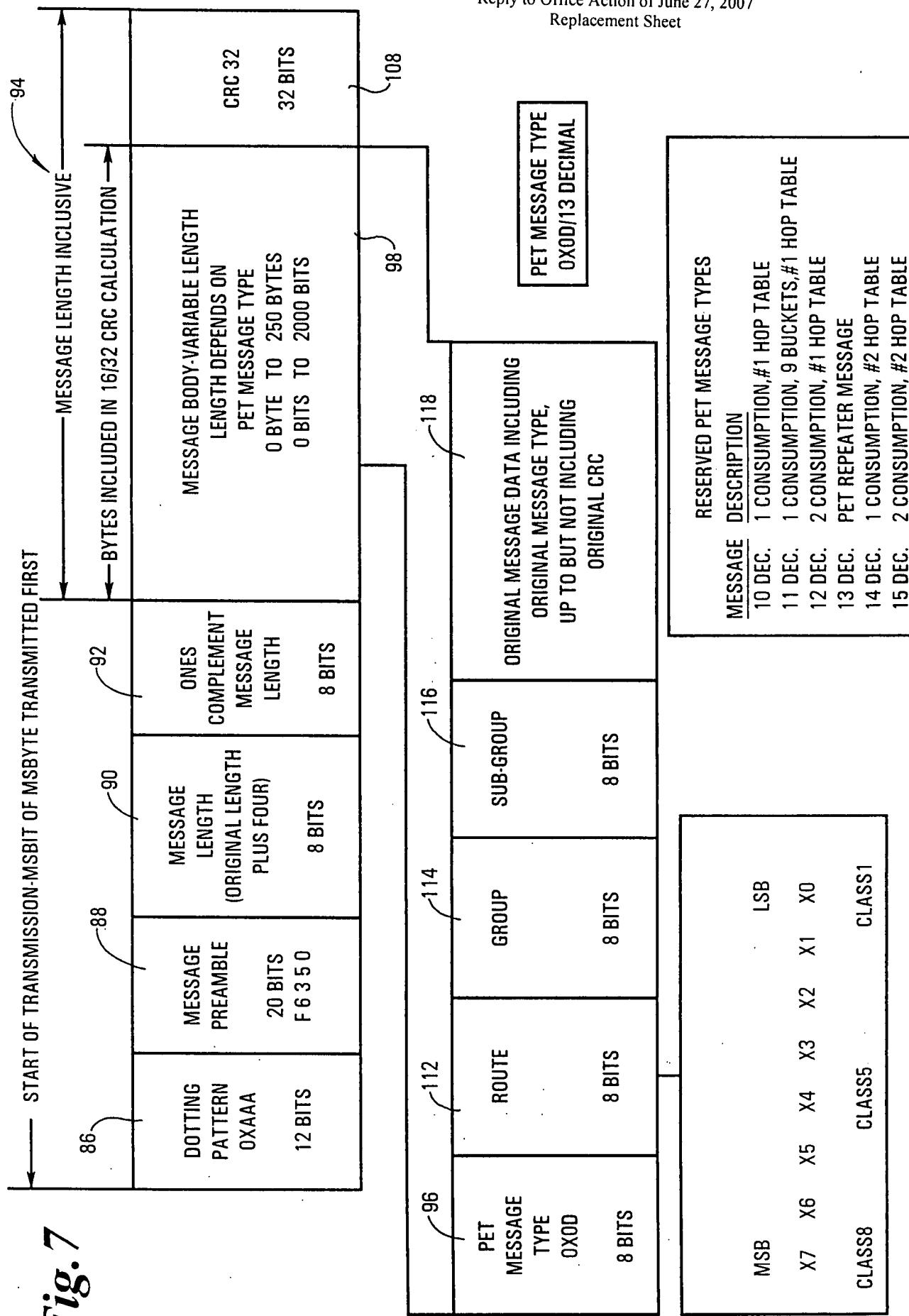
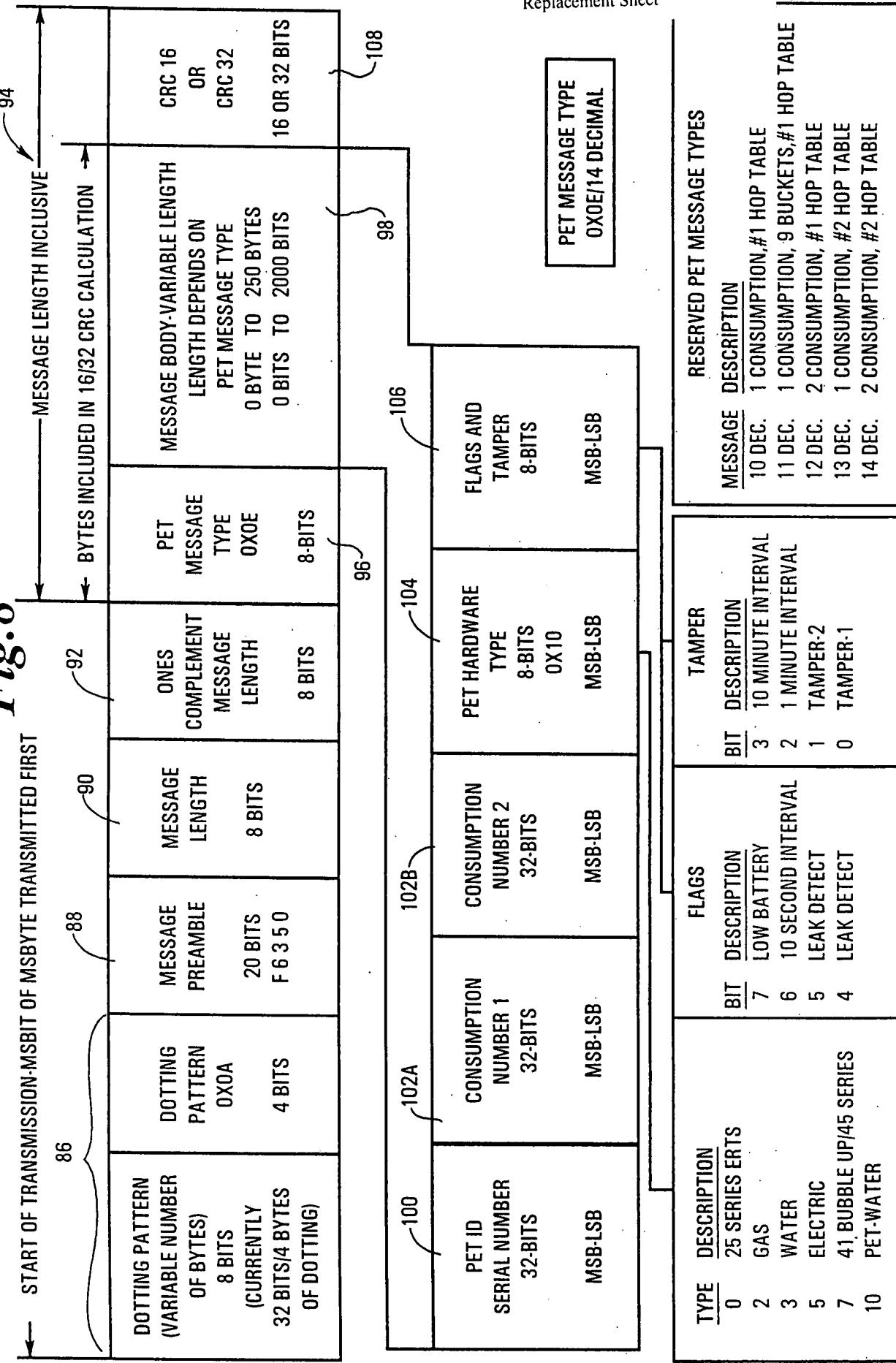


Fig. 6

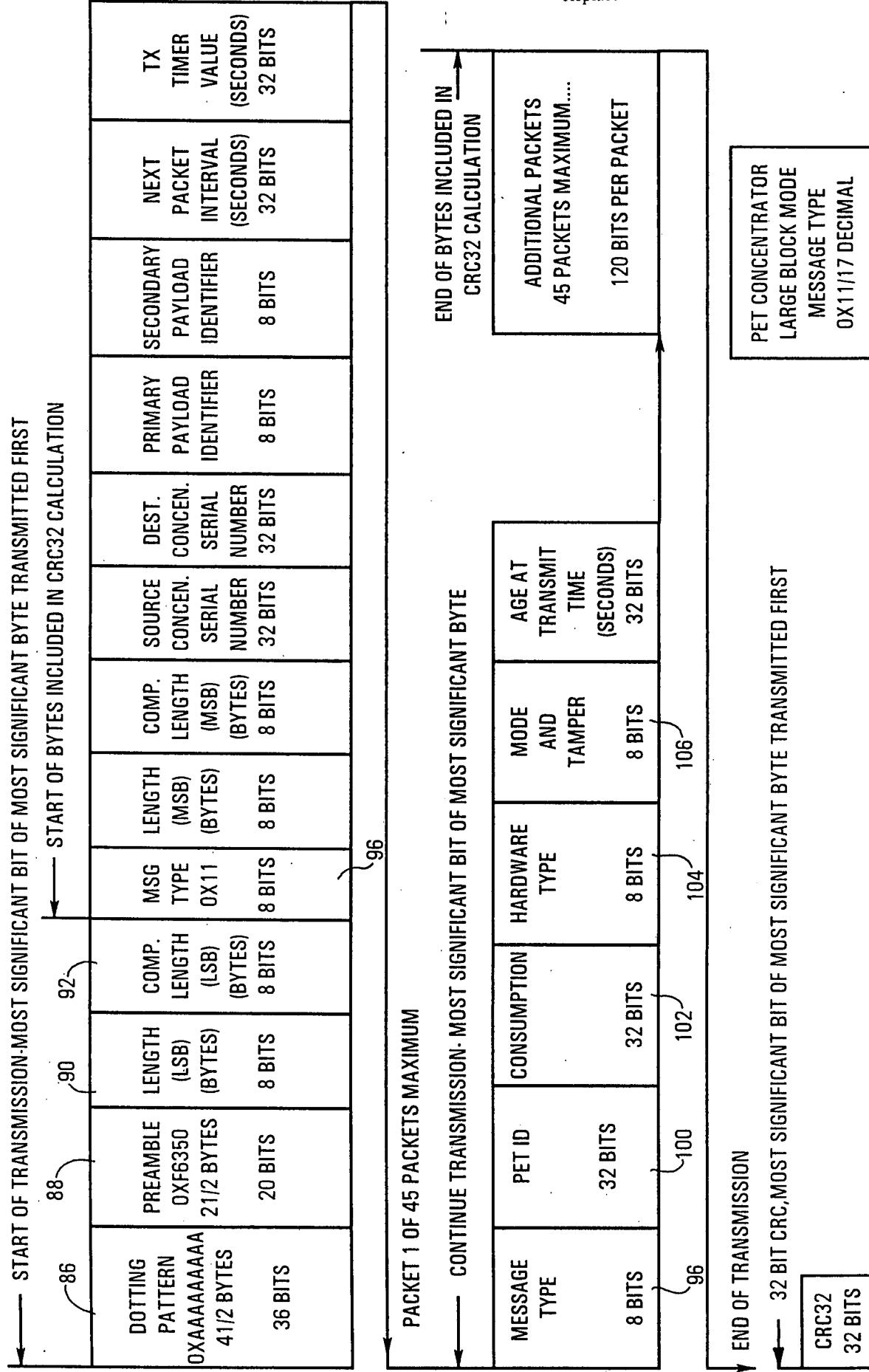




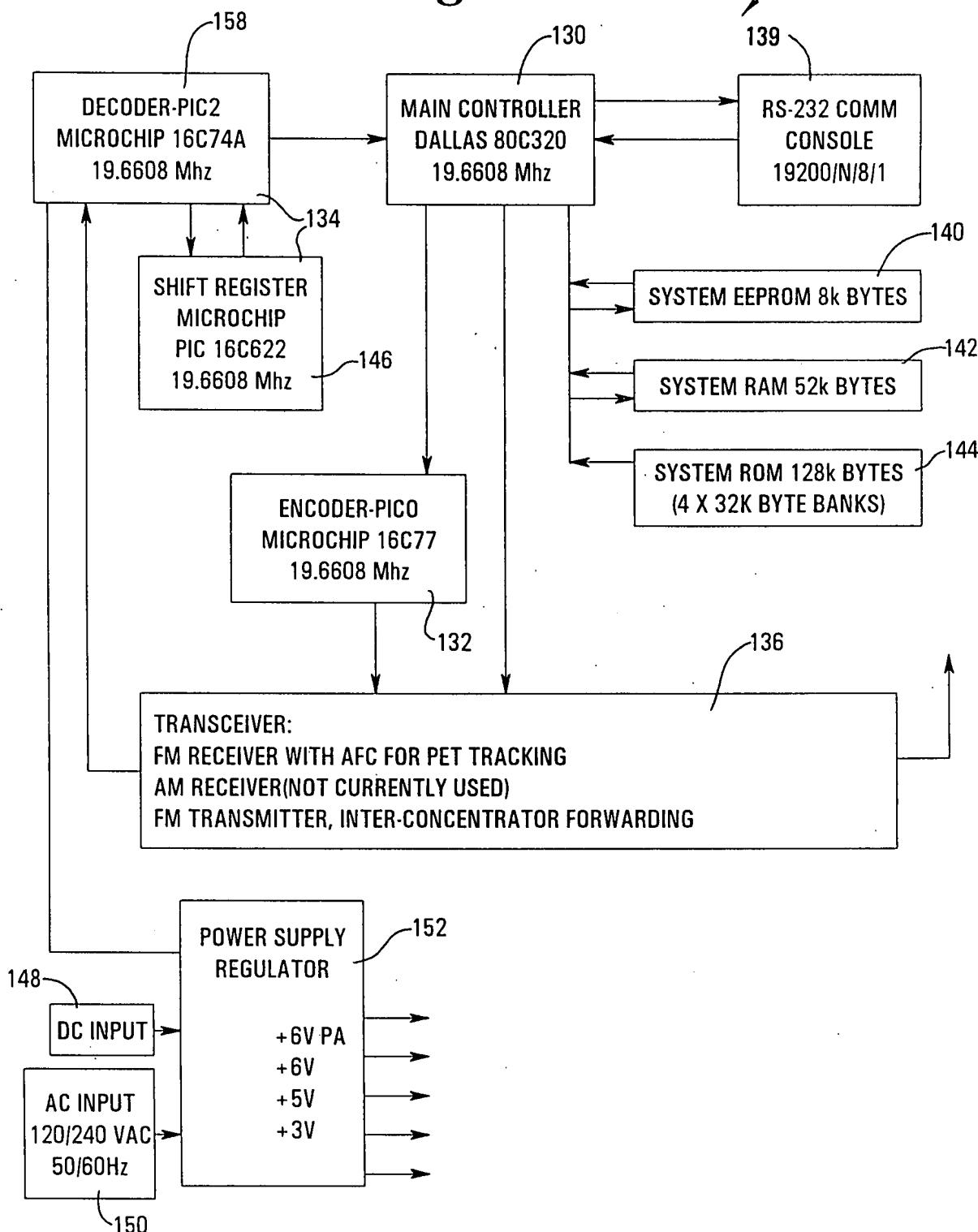
**Fig. 8**



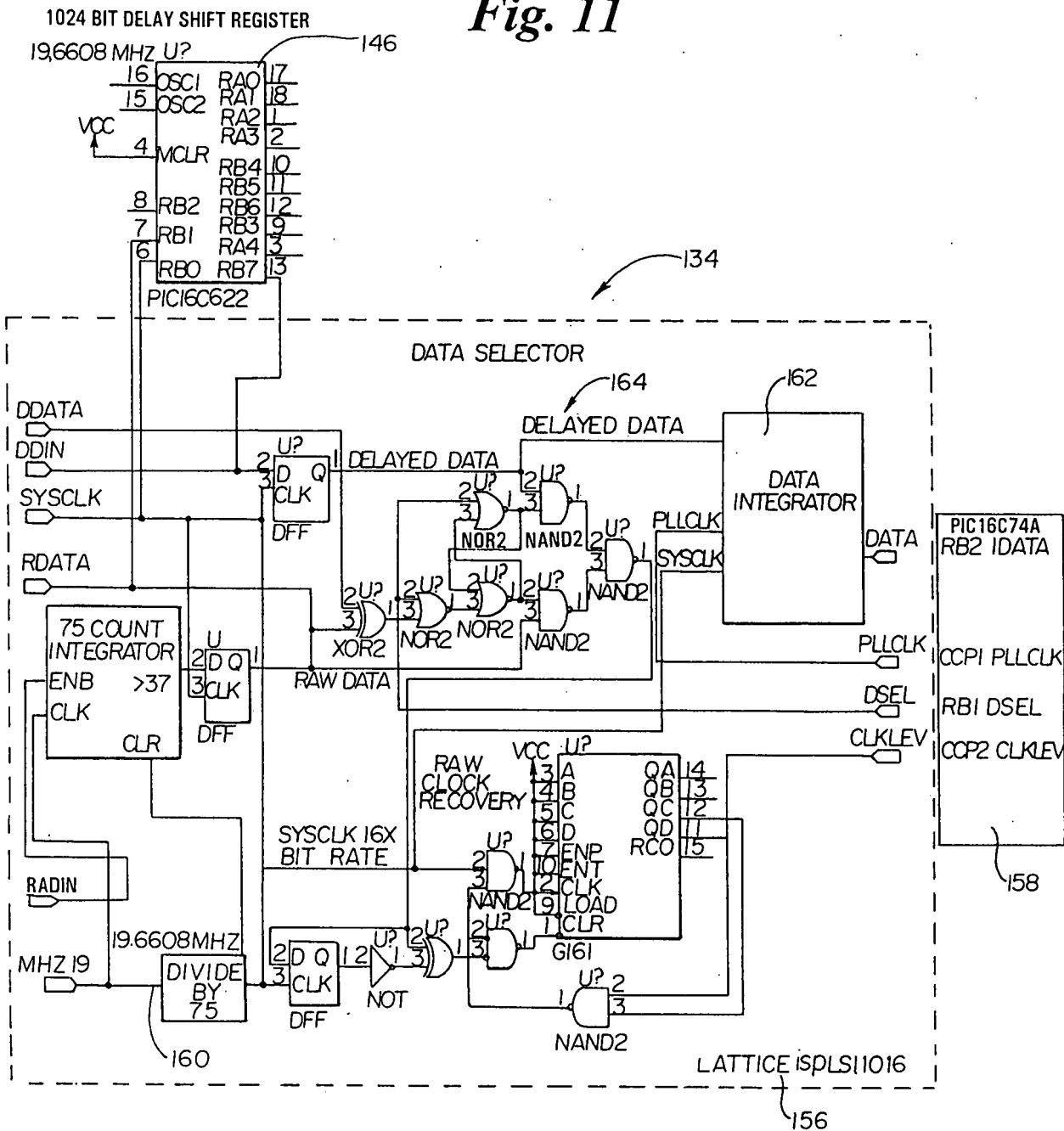
**Fig. 9**



*Fig.10*

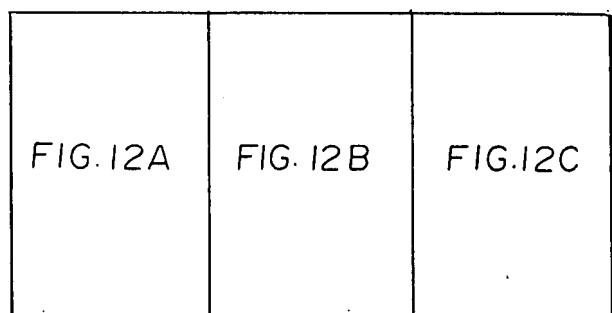


**Fig. 11**

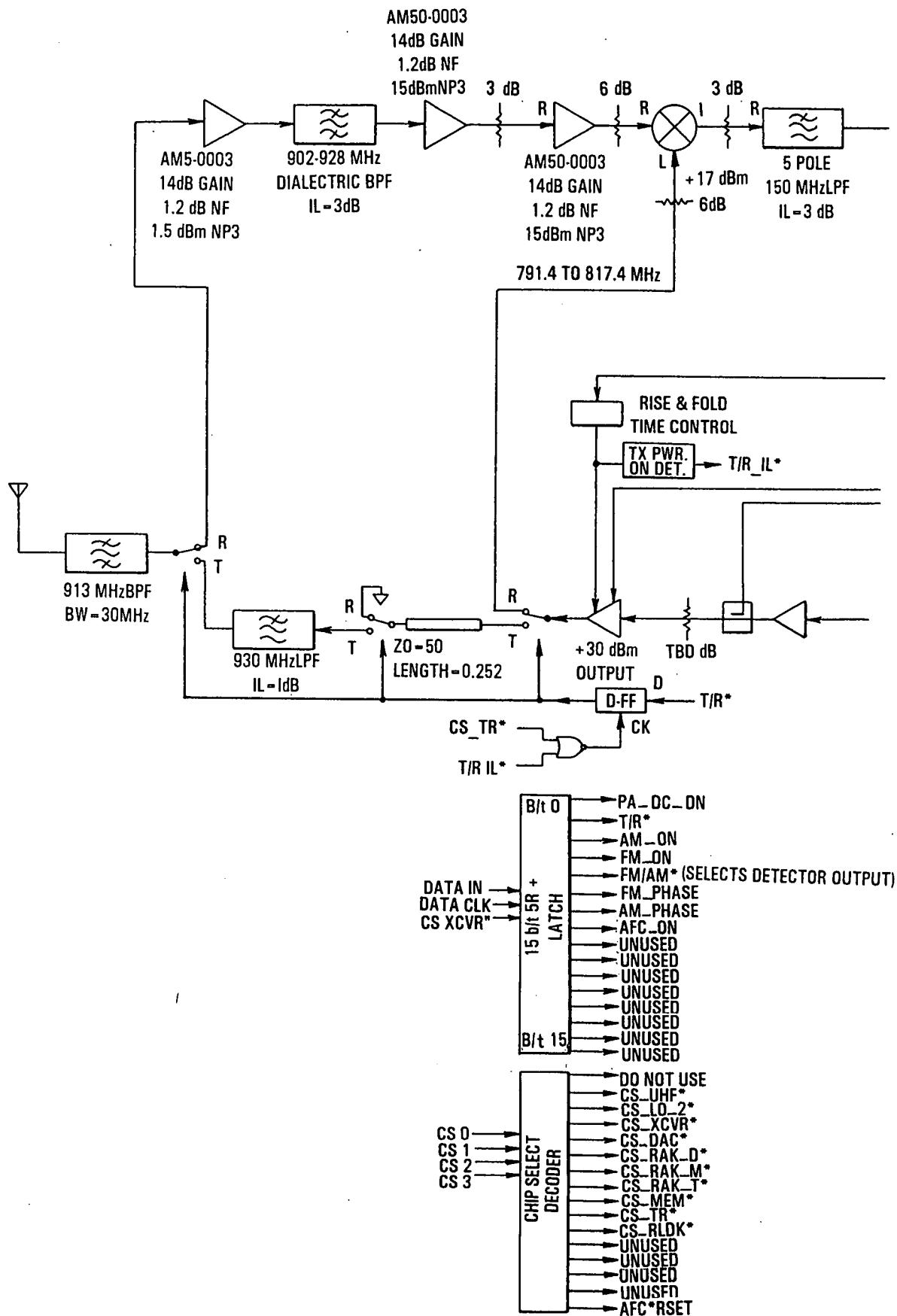


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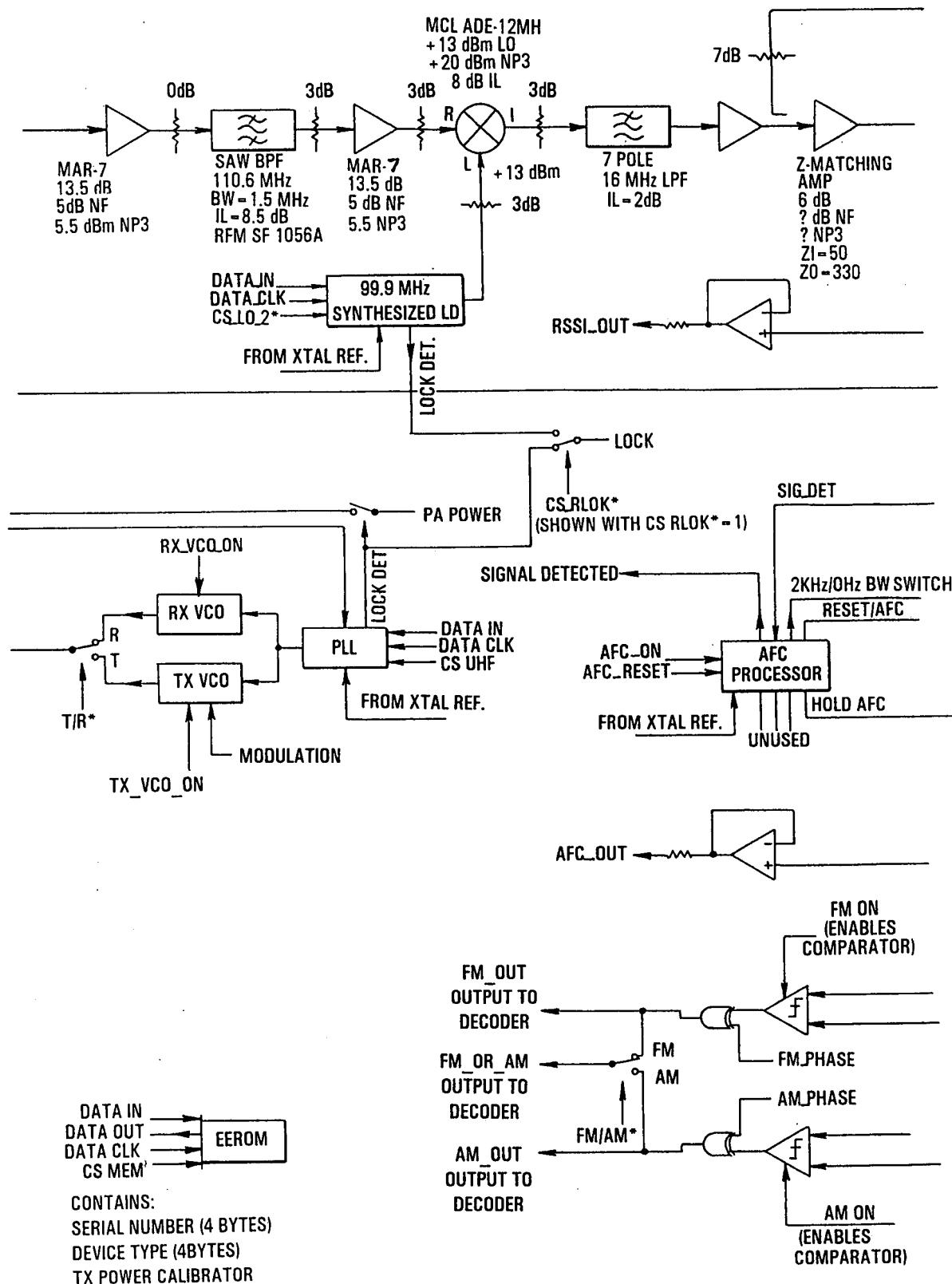
*Fig. 12*



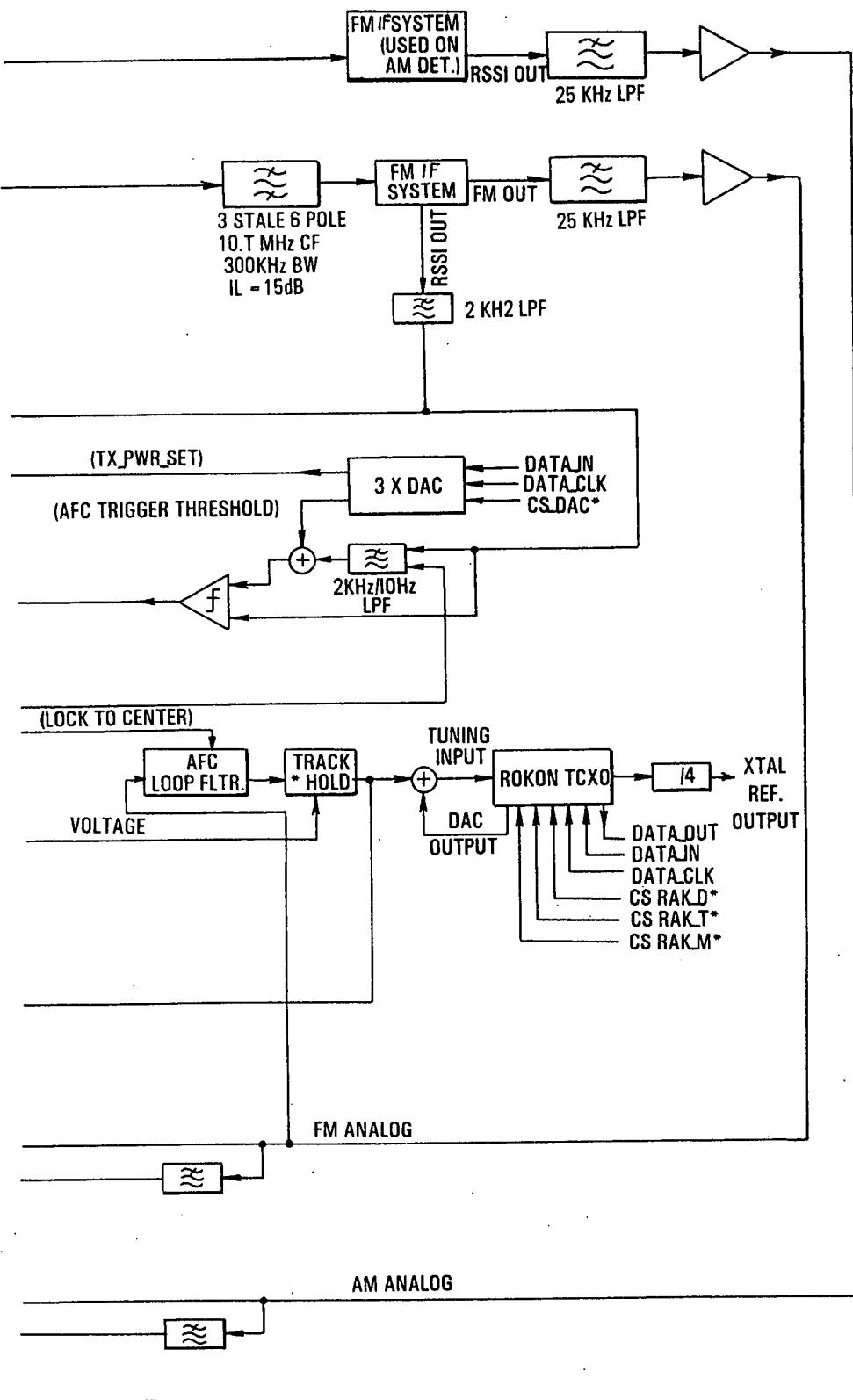
**Fig. 12A**



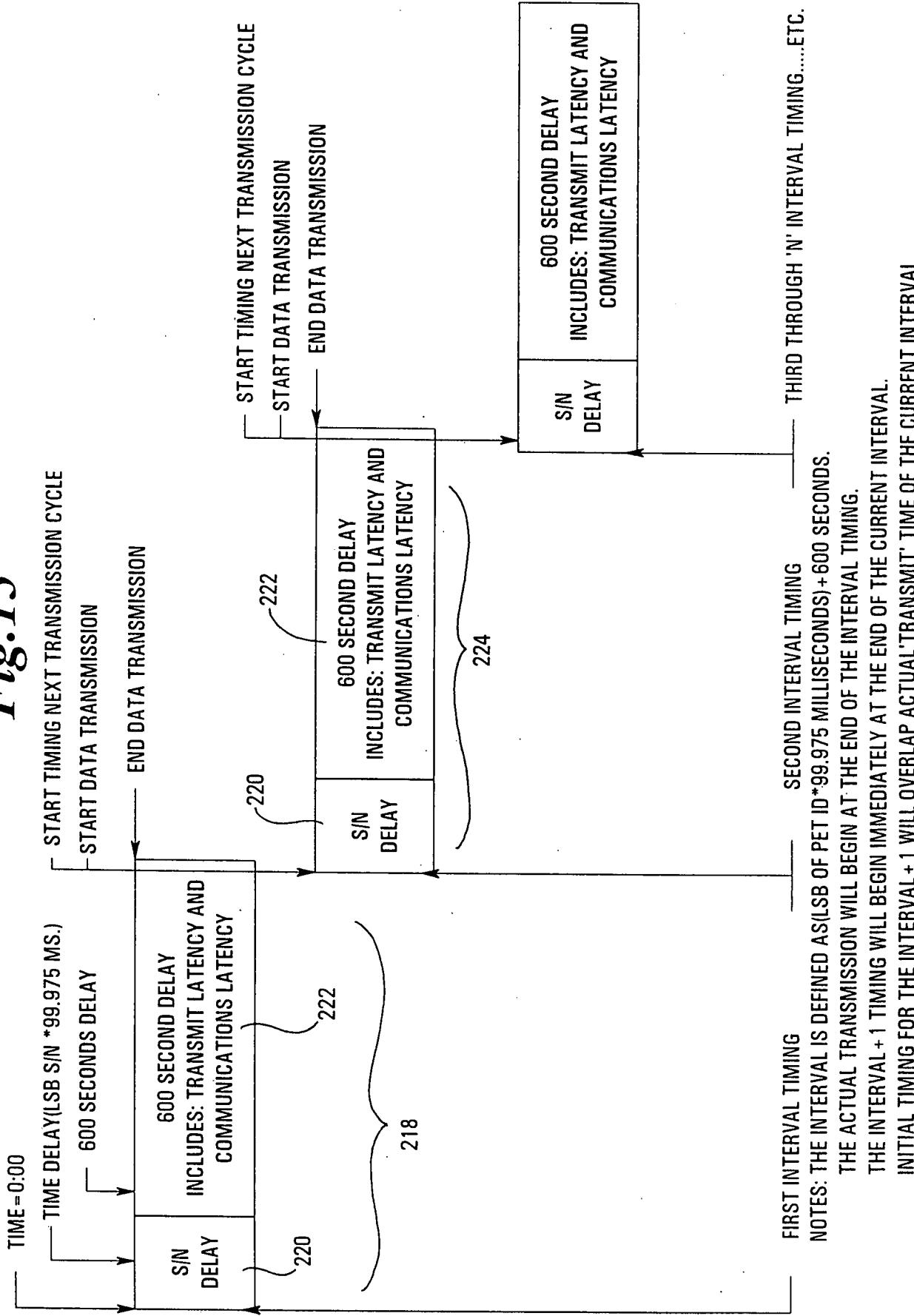
**Fig.12B**



**Fig.12C**



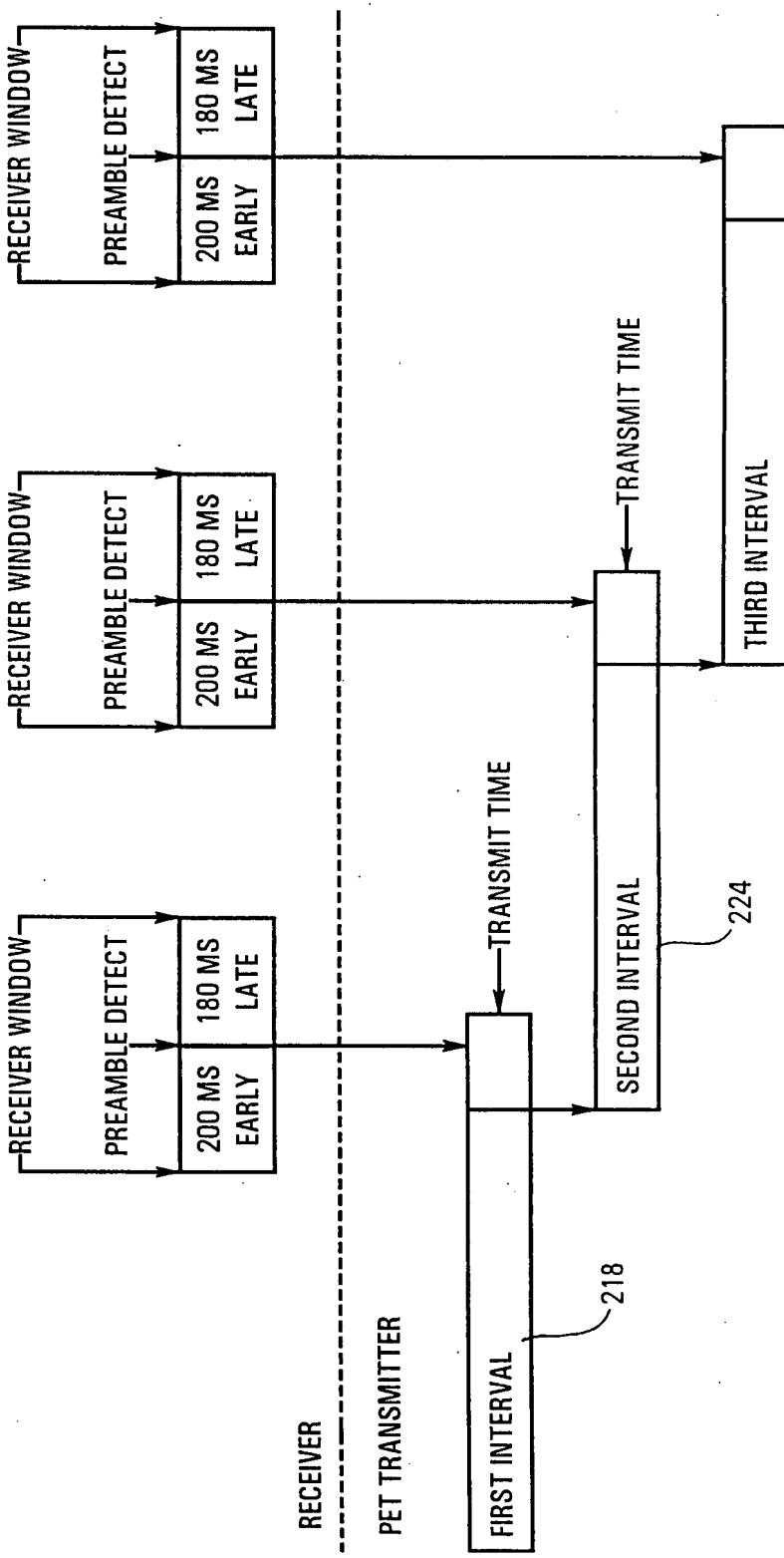
**Fig. 13**



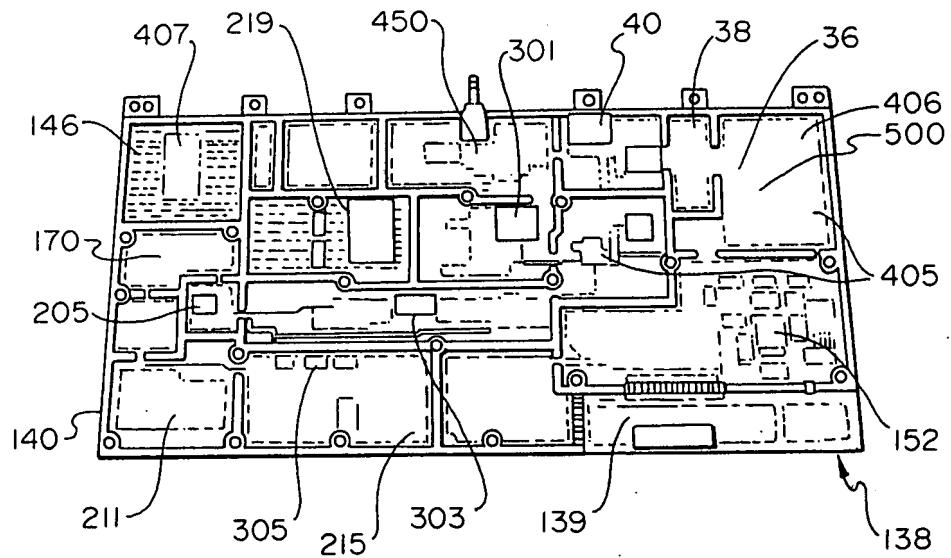
PET RECEIVER MINIMUM WINDOW

NOTE: THE WINDOW REQUIRED IS 380 MILLISECONDS(200ms EARLY PLUS 180ms LATE) THIS REPRESENT THE MINIMUM TIME NECESSARY TO COMPENSATE FOR CRYSTAL TOLERANCES AND PREAMBLE DETECT. 200 MILLISECONDS REPRESENTS 180 MILLISECONDS EARLY PLUS 20 MILLISECONDS ALLOWED FOR PREAMBLE DETECT TO OCCUR. THE INTERVAL IS MAINTAINED AND REPRESENTS THE TIME FROM ONE PREAMBLE DETECT TO THE NEXT PREAMBLE DETECT.

*Fig. 14*



*Fig. 15*



*Fig. 16*

